

# INTERACTIVE DIGITAL MUSIC RECORDER AND PLAYER

## Abstract

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A digital multi-media device provides features for a user unskilled in musical arts or sound handling techniques that provides automatic musical score composition in accordance with contained composition instructions. Stored sound samples and interfaces for obtaining external signals provide signals for merger with visual and sound presentations to obtain altered  
10 presentations either time shifted or in real time. In this fashion the user can create simulated radio stations for playback of prearranged and composed audio material. Further, the automatically composed musical score may be mixed with synthesized, digitized signals from the stored sound samples and external signals obtained through the device interfaces.